

Third International Scientific Conference of Problems of
Engineering, Combustion and Gas Dynamics of Shrapnel
Systems, by D. I. Pechenkin, 7 pp.
RUSSIAN, per, Voennoye Prib. Zhur., Vol VII, No 4, 1963,
pp 456-561. 5691514

FTD-77-60-044

Sci - Eng
Mar 64

211,879

3
Transport in Kazakhstan and Prospects for its Develop-
ment, by I. P. Kuznetsov, 12 pp.
RUSSIAN, par. Soviet Union Kazakh, No 4, 1964, pp 14-19.
JPRS 11556

USSR
Econ
Aug 64

204,664

Perchloric Acid and Its Compounds as Catalysts in
Organic Synthesis. III: Acetylation of Some Aromatic
Hydrocarbons and Ethers of Mono- and Polyhydric
Phenols, by G. N. Dorofeenko and L. V. Polishchuk,
5 pp.

RUSSIAN, per, Zhur Obsheh Khim, Vol XXXII, No 2,
1962, pp 364-368.

CB

Sci

Feb 63

234,006

Logging Tools Improved by Induction Hardening,
by M. M. Vasil'ev, A. P. Polishchuk.

RUSSIAN, per, Metal. Termicheskaya Obrab. Metallov,
No 4, 1959, pp 55-57.

HB 4576

Sci - III ENG

Jan 60

105,656

Chromizing of Wood-Cutting Tools, by A. P.
Polishchuk.

RUSSIAN, per, Stanki i Instrument, Vol XXVIII,
No 4, 1957, pp 29, 30.

Henry Bratcher
No 3998
\$2.50

53,201

Sci - Eng
Sep 57

General Principles of Combustion of Droplets 52
of Suspensions, by D. I. Polishchuk.

L. P. Luchina, 6 pp.

RUSSIAN, per, Trudy Inst Tekh Teplofiziki
i Teploelektroniki, Ak Nauk USSR, 1964.

0007998

DTIC-65-73

601 - 100,000

Sept 65

227,623

BASIC PROPERTIES OF ELECTROMECHANICAL PHASE
METERS, BY E. S. POLISHCHUK, A. D. NESTERENKO,
3 PP.

RUSSIAN, PER, IZMERITEL TEKH, NO 6, 1961,
PP ~~XXXXXX~~ 41-43.

ISA

SCI
FEB 62

183,052

Certain Errors in Three-Winding Electrodynanic
Phase Motors, by A. D. Mesterenko, E. S.
Polishchuk, 6 pp.

RUSSIAN, par, Inzhiniring Tekhn, No 2, 1958,
pp 50-53.

Instru Soc of Amer

Sci

Apr 60

113,086

Effect of Radiation From a Cobalt Isotope on the
Quality of the Roots of the Sugar Beet, by F. N.
Polishchuk, 5 pp.

RUSSIAN, per, Sakharnaya Prom, Vol XXX, 1956,
pp 54, 55.

AEC Tr 2844

Sci - Biology

47,406

May 57

REVISION REQUIRED IN DALLAS MEMORANDUM, BY
 I. FALCONE I. WERNICHA, 9 PP.

URGENT, PER, MEMORANDUM SUBMITTED WASHINGTON,
 NO 9, 1962, AT 6-13.

APR 18 1962

MEMO
 FROM
 APR 13

226,941

The Effect of Aminazine and Serpasil
on Metabolic Processes in Mental Diseases.
by, I. A. Polishchuk, et al.

~~RUSSIAN~~, per, Zhur Nevropatologii i
Psikhiatrii imeni S. S. Korsakova,
No 58, 1958, pp 1153-1163.

NIH 9-52-64

(LOAN)

Sci-BM

Sul 65

I. A. Polishchuk

S-0153

{NY-1617}

Inter-relationships of Processes of Metabolism
With the Function of the Adrenal Cortex in
Schizophrenia and Manic-Depressive Psychosis,
by I. A. Polishchuk, 22 pp.

RUSSIAN, no per, Zhur Nevropatol i Psikhologii
imeni S. S. Korsakov, Vol LVIII, No 1, 1956,
pp 55-66.

US JPRS/NY-L-302

Sci - Medicine

73557

Aircraft Equipment, by V. N. Knyazev, K. Z.
Polishchuk. UNCLASSIFIED

RUSSIAN, bk, publ by State Publication of Defense
Industry of the USSR, 1952.

ATIC P-TS-8221

Navy Tr 1089/ONI A-594

USSR

~~SECRETARY OF DEFENSE~~

Sci - Aeronautics

14,816

Aug 54 CTS

Designing a Double-Stub Matching Device,
by K. P. Polishchuk, 6 pp.

RUSSIAN, per, Elektrosvyaz', No 6, 1962.

AIEE

Sci

Jan 63

220,660

Some Methods for Rationalizing Aircraft Electric Systems, by K. Ye. Polishchuk, 120 pp.

RUSSIAN, bk. Nekotorye Puti Ratsionalizatsii Elektricheskikh Setoy Samoleta, Moscow, 1957, 106 pp.

ATIC F-TS-9488/V

ATIC F-TS (S.S.I.)

Sci - Aeronautics
Nov 59

102,410

Aircraft Equipment, by V. N. Knyazev, K. Ye
Polishchuk, 46 pp. UNCLASSIFIED (Chapter 9)

RUSSIAN, bk, (see title & author above)
Encl to Rpt No 1A1-235-54, AFOIR-1A1.

AF 626353

USSR

Scientific - Aeronautics

Military - aircraft

CIA D-50017

14816

for Zimulka

Aircraft Equipment, by V. N. Knyazev, K. Ye.
Polishchnik, 24 pp.

RUSSIAN, bk, Aircraft Equipment, Moscow, 1952,
Encl to IR-268-55. CIA D 208934.

AF 659743

USSR

Sci - Aeronautics

Military

26,830

Biochemical Composition of Walnut Kernels in the
Ukraine, by L. K. Polishchuk, 10 pp.

RUSSIAN, per, Biokhimiya i Plodov i Ovoshech, ~~in~~
No 6, 1961, pp 197-207. 9214987

FL-480
OTS 63-11084

Sci - Biol & Med Sci
Dec 63

244,162

Search for a Method of an Anti-Strangles Vaccine,
by N. M. Strelkov, P. K. Polishchuk. UNCLASSIFIED

RUSSIAN, per, Trudy Moskov Vet Akad, No 12, 1956,
pp 54-61. CIA 9033035

USDA

Sci - Med
Oct 58

74,765

7
... for purification of ...
... from non-stellar inclusions,
V. P. Polishchuk, V. L. ... et al.

...
... 100000 (and ...
... 1/12-1, June 25, 1968, ...

...
...-LS-183

V. P. Polishchuk

...
...

...

Pollayuk, E. P.
SECADO DE MOLDES DE FUNDICION CON RAYOS
INFRARROJOS (Suabka Litseinykh Form Inftrakrasnykh-
Luchami) (Infrared Foundry Mold Drying). 6p. CID:
62-273

Order from OTS, ETC or CID \$0.80 62-29273

Trans. in Spanish of Litseino Proizvodstvo (USSR) 1957,
no. 2, p. 1.

DESCRIPTORS: "Infrared radiation, Castings, *Molding

(Metallurgy, TT. v. 10, no. 8)

62-29273

I. Pollayuk, E. P.
II. CID-62-273
III. Centro de Información
y Documentación,
Madrid (Spain)

1247932

Office of Technical Services

~~Politis, Jean.~~

A NEW METHOD FOR THE MICROCHEMICAL
LOCALIZATION OF CHLOROGENIC ACID AND
TANNINS IN PLANTS. [1962] 3p.

Order from K-H \$4.75

K-H-3189-c

Trans. of Academie des Sciences, Paris]. Compt[en]
Rend[us](France) 1967, v. 225, 17 Nov, p. 954-956
(pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: Microchemistry, Plants, Tannic
acids, *Chlorogenic acids.

(Biological Sciences--Botany, TT, v. 8, no. 11)

62-22640

I. Politis, J.
II. K-H-3189-c
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

0002165

Office of Technical Services

Automatic Apparatus for a Hydraulic Machine to Test
Endurance Under Repeated Static Loads, by M. A.
El'yashova, A. I. Politov, 5 pp. UNCLASSIFIED

RUSSIAN, per, Zaved Lab, Vol XXXI, No 6, 1957,
pp 741, 742. CIA 610342

APIC F-78-9413/III

Sci - Engineering
Jul 58

68,562

Effects of Radiation on the Mechanical Properties of
Ionic Crystals, by E. Andronikashvili, N. Politov, et al,
17 pp.
RUSSIAN, rpt, Proceedings of the Conference on Radiation
Damage in Solids and Reactor Materials, Vienna,
7-11 May 1963, Vol III, 1963, pp 147-162. 9219748

AEC-Tr-6150

Sci-Nucl Sci
Mar 64

251,229

On the Motion of Electrons in Colored KCl Crystals,
by N. G. Politov, 12 pp.

RUSSIAN, per, Sobshchenia Ak Nauk Gruz. SSR,
Vol XII, 1951, p 401.

Q-112
Morris D. Friedman
\$6.00

9093.083

USSR
Scientific - Physics

CTS 65/Feb 55

21, 314

99

Radiation Generation of Dislocations in Alkali-
Halide Crystals, by N. G. Andronikashvili,

N. G. Politov, 10 pp.

ISSN 0013-788X, rpt., ~~second volume~~ ~~over~~ ~~change~~ ~~no~~
~~issue~~ ~~is~~ ~~on~~ ~~normal~~ ~~with~~ ~~install~~, ~~only~~, ~~only~~,
1962, pp 281-286.

AIS/IT/ET-23-114-68

AD 679 718

N. G. Politov

Sci. Rep.
Vol. 6

373,061

The Complex Nature of the F-Band in KCl Crystals,
by N. G. Politov, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol X, No 2, 1961,
pp 173-176.

OSA

159, 738

Sci

Jul 61

Colour Centres in Crystals of KCl and KCl with
Admixed Ag, by N. G. Politov, 7 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol II, No 3,
1957, pp 291-295.

Pergamon Inst

Sci - Electronics
Nov 58

76, 213

137

Radiation Changes of Dislocation Sensitivity
in Ionic Crystals, by N. G. Politov, 9 pp.
RUSSIAN, per. AL SAUTASH, Institut Fiziki
Elektronov i Ionov Protsekov v Tver'skii
oblasti, No 1, 1984, pp 94-97. #10026658-7
FTD-HT-22-1000-67

N. G. Politov
Sol/Phys
Nov 68

306,952

Ionization of Sodium Chloride Crystals.
by N. G. Politor, I. U. Politor, 6 pp.
RUSSIAN, per. AN 01-0250R. Institut. Fiziki.
Elektronnye i Ionnaya Procesi v Tverdykh
Tela. No 1, 1964, pp 31-41. F10025090-1
F10-21-23-124-57

Sci/Phys
Nov 68

306,923

N. G. Politor

Photoelectric properties of Magnesium-Barium Alloys,
by E. M. Ildikhits, N. G. Kokina, N. M. Polivova,
12 pp.

RUSSIAN, per Radiotekh i Electron, Vol V, No 8,
1960, pp 1267-1274.

PP

Sci

Jul 61

167, 358

A Method for Measuring the Energy Spectra of the
Photoelectrons From Coated Cathodes, by D. V.
Zernov, M. M. Politova, 7 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol. IV, No 5,
1959, pp 852-856.

PP

Sci

132, 112

Nov 60

Inter-Institutional Seminar on Cathode Electronics
(Eleventh Session), by G. F. Vasilyev, R. Sh.
Politova, A. E. Shabel'nikova, L. Ya. Perova,
A. A. Yeshopol'skaya.

RUSSIAN, PGT, Radiotekh i Elektron, No 4, 1959,
PP 731, 732.

Internatl Physical Index
Electronics Express
Vol. III, No 2

100, 522

Sci. - Electronics
Nov 59

"Excess" Velocities in the Energy Spectrum of
Photoelectrons From a Cesium-Antimony Cathode,
(Abstract), by N. M. Politova, 11 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XX, No 9, 1956, pp 1050-1052.

Columbia Tech Tr

Sci - Electronics
Nov 57

54,769

Dynamics of Nitrous Substances During
Technological Treatment, by
T. Politova-Sovnenko.

RUSSIAN, per Vinodeliyo i Vinogradarstvo
SSSR, Vol III, No 210, 1962, pp 19-21.

CSIRO No 6309

Sci. - Biol. & Med.
Dec 63

245,010

The Nature of the Passive Layers on Thin Nickel
Films, by H. Pfisterer, A. Politycki, E.
Fuchs, 7 pp.

GERMAN, per, Z fuer Elektrochemie,
Vol. LXIII, No 2, 1959, pp 257-261.

ATS-73M410

Stiel

Vol. IV, No 7

Apr 62

193,846

CLINICO-DENTROLOGICAL CHARACTERISTICS OF ORGONIC
RADIATION SICKNESS INDUCED EXPERIMENTALLY BY
MEANS OF EXTERNAL IRRADIATION(1), BY
N. N. GARVEY, YE. M. POLITEN, 11 PP.

RUSSIAN, PER, BIOLOGICAL TRUDA : PROFESSIONAL : NYE
ZABOLEVANIYA, VOL VI, NO 12, 1962, PP 26-33.

JPRS 18153

SCI - BIOL-MED SC

MAR 63

REF, 164

Co-Responsibility of VVBs in Licensing Transactions,
by H. Priemer, W. Politze, 8 pp. 6
GERMAN, per, Aussenhandel, No 6, pp 14-16.
JPRS 25680

EE-Germany
Econ
Aug 64

264,364

Cell Division in Cancer, by G. Politzer. Hc
GERMAN, for, Wien Klin Wochenschr, Vol 48, 1935,
pp 1055-1057.
AEC UCRL-Trans-10209

Sci-864
July 68

357,415

(DC-5807)

Foreign Trade and World Market Appeal, by
Politzer/Sperling, 4 pp.

GERMAN, per, Der Aussenhandel und der Inner-
deutsche Handel, X No 4/5, 1 Mar 1961,
pp 65-66.

JPRS 8521

EEur - Germany
Econ
Jul 61

159,800

Automatically Controlled Series Excitation for
Generators, by G. I. Poliuk, 13 pp.

RUSSIAN, per, Elektrichestvo, No 6, 1958, pp 10-15.

PP

Sci

Feb 61

139,050

On Training of the Properties of Nervous Processes,
by M. P. ~~XX~~ Polivannaya, 6 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel Imeni I. P.
Pavlova, Vol X, No 4, 1960, pp 620-625.

PP

Sci
Apr 62

192, 757

General Properties of Linear Systems, by E. M.
Polivanov, V. V. Kuznetzkiy, 7 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 11, 1956, pp 1310-1317.

Columbia Tech

Sci - Physics
Jan 58

58,051

Parametron With Ferromagnetic Cores. Part II.
Representation of States of Parametron on the
Vander-Pol Plane; Transients, by K. M. Polivanov,
P. P. Zharkov, 23 pp.

RUSSIAN, per, Investiya Vysshikh Ucheb Zaved
M/ISSO SSR po Razdelu Radiotekhnika, Vol V,
No 5, 1962, pp 543-551.

JPRS 19052

Bol - Engr
Jun 63

231,582

Thin ~~Mag~~ Magnetic Films in Present-Day Physics
and Engineering, by K. M. Polivanov, A. L. Frankin,
3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 5, 1961, pp 566-568.

CTT

Sci

Jul 62

203,093

(NY-6499)

Calculation of the Reversal of Magnetization With
Account of the Surface and the Dynamic Properties
of the Substance, by K. M. Polivanov,
V. L. Dyatlov, 12 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO,
Radiotekhn, Vol IV, No 6, Nov/Dec 1961, pp 653-
657.

JPRS 13049

Sci
May 62

197,385

On the Observation of the Fischer Gyromagnetic
Effect in Bodies in Waveguides, by K. M. Polivanov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, 1954,
pp 969-970.

SLA Tr R-842

Sci - Electricity, Physics 52, 276

Sep 57/CTS

Morris J. Friedman

Dynamic Characteristics of Electric Circuit Elements,
by K. M. Polivenov, 4 pp.

RUSSIAN, pay. Dok Ak Nauk SSSR, Vol. CXVIII, No 1, 1958,
pp 80-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,506

Magnetic Spectra Due to the Macroscopic Structure of
the Material, by N. G. Katkov, K. M. Polivanov, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XVIII,
No 4, 1954, pp 419-431. CIA C 38685

Columbia Technical

Scientific - Physics

25,813

Influence of Moisture Conductivity During Electro-
Osmosis, by A. V. Netushil, K. M. Polivanov, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk, Vol LXXXIX, No 5, p 845-848.
1953

NSF Tr 120

Scientific - Physics

CTS/DEX

7318

Parametron With Ferromagnetic Cores, by K. M. Polivanov,
Zhurkov, 35 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved NV1880 SSSR po
Razdelu Radiotekhnika, Vol. V, No 4, 1962, pp 417-430.

JPRS 17580

Sci - Elec

May 63

229,029

A New Effect Caused by Gyromagnetic Phenomena, by
K. M. Polivanov, 3 pp. UNCLASSIFIED
thrice-mo

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol XCV, No 3, 1954
pp 501-503.

20,444

RJ-202
Navy Tr 1098/NRL 498
17272

Scientific - Physics

Dec 54 CTS/DEX

Electromagnetic Technique and Construction of
Apparatus ~~for~~ Non-Hysteretic Magnetization
and Its Application to the Measurement of Small
Currents and E.M.F.s., by K. M. Polivanov, A. A.
Braude, 12 pp. URCL

RUSSIAN, per, Trudy Mosk Ordona Lenina Energeti-
cheskovo Inst imeni V. M. Molotova, No 18, 1956,
pp 135-146. CIA 9037942

ACSL 1192

Sci - Electronics
Apr 59

NEL M. 1192

84, 796

To the Theory of Determining the Permeability of
Metal Ferromagnetics and Magneto-dielectrics Accord-
ing to Experimental Results, by K. M. Polivanov,
29 pp.

RUSSIAN, per, Elektrichestvo, No. 3, 1953, pp 19-29.

9036378

Morris D. Friedman

Sci - Electronics

Feb 59

81,146

The Theory of Measurement of and in Semi-
conducting Ferromagnetics, by K. M. Polivanov,
4 pp, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV, No 1,
1954, pp 61-64.

E-2575
Navy Tr 1126/NRL 506

Scientific - Physics Mar 55 (TS)

22,147

Vladimir Konstantinovich Arkad'yev (b. 2 Jun, 1884 -
1 Dec 1953), by K. M. Polivanov, 5 pp.

Full translation.

RUSSIAN, no per, X In Ak Nauk SSSR, Ser Fiz, No 3,
1954, pp 307-311. CIA C 37903

Columbia Technical Tr

Scientific - ~~Scientific~~ Physics
USSR - Biographic
Jun 55 (TS)

23,952

Rotation of the Plane of Polarization of Centimeter
Waves by a Ferrite Disc, by K. M. Polivanov, Ya.
N. Kolli, M. B. Khasina, 9 pp.

Full translation.

RUSSIAN, no par, In Ak Nauk SSSR, Ser Fiz, No 3,
1954, pp ~~339-349~~. CIA C 37903

356-359

Columbia Technical Tr

Scientific - Physics

23,958

Jun 55 CTS

T/C and bk review

Ferromagnetic Materials, Basic Theory of Technical
Application, by K. M. Polivanov, 10 pp.

RUSSIAN, bk, Ferromagnetiki. Osnovy Teorii Tekhnicheskogo
Primeneniya 1957, 256 pp.

Head, Lib Sv Sec

Air Info Div, Lib Cong

Aug 58

A Ferrite Disc in a Coaxial Line, by Ya. N. Kolli,
E. M. Polivanov, 18 pp.

Full translation.

RUSSIAN, no par, Iz Ak Nauk SSSR, Ser Fiz, No 3,
1954, pp 382-4x 399. CIA O 37903

Columbia Technical Tr

Scientific - Physics
Jun 55 CTS

24,000

D

Degree of Growth of Matrix Elements in the
Axiomatic Approach, by B. V. Medvedev, M. K.
Pollivanov, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,
No 4, 1961, pp 1130-1141.

AIP

Sov Phys - JETP

Vol XIV, No 4

202,747

Sci

Jul 62

ted
p.
Theory of $\S$ Dispersion Relations, by N. H.
Bogolyubov, B. V. Medvedev, H. K. Polivanov.
200 pp.

RUSSIAN, bk, 1958.

AEC UCRL-Trans-499(1)

Sci
Jun 61

155,936

Renormalization in the Theory With Indefinite
Metric, by B. V. Medvedev, M. K. Polivanov, 25 pp.

RUSSIAN, rpt, Joint Institute for Nuclear Research,
Dubna, 1958,

CIA/PDO X-3293

Sci - Physics
Feb 59

79,896

On a Classical Model of an Infinite Medium.
by V. F. Helander, H. H. Goldstein, & R. M.

RUSSIAN, U.S.S.R. Ak Nauk SSSR, Vol. 1981, No. 4,
1981, pp. 623-626.

After Text of Phys
Sov Phys - Doklady
Vol. 1981, No. 4

Doc. - 1981

JUL 89

91, 935

Dispersion Relations for the Scattering of K-Mesons
by Nucleons, by M. K. Polivanov, 3 pp.

RUSSIAN, Eino per, Dok Ak Nauk SSSR, Vol CXVI, No 6,
1957, pp 943-945.

Amer Inst of Phys
Sov Phys - "Doklady"
Vol II, No 5

Sci - Physics
Jun 58

65,500

Spectral Representations in the Quasioptical
Approach, by M. K. Polivanov, S. S. Khoruzhiy, 10pp.

RUSSIAN, per, Zhur Eksper I Teoret Fiz, Vol XLVI,
No 1, 1964, pp 339-353.

Amer Inst of Phys
Sov Phys - JETP
Vol ~~XXXXIX~~, No 1

Sci-
Aug 64

265,260

A Spectral Condition as a Method of Renormalization.
by B. V. Medvedev, M. K. Polivanov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVI, No 3,
1959, pp 537-540.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

110,026

Dispersion Relations and the Production of Heavy
Mesons and Hyperons, by M. K. Polivanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4, 1958,
pp 679-682.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,481

Polivanov, V. M.

SEASONAL MOVEMENTS AND SOME FEATURES OF
THE BIOLOGY OF THE STARLING (*STURNUS*
VULGARIS L.) DERIVED FROM BANDING DATA.
[1960] [13]p. (banding record list omitted) 6 refs.
Order from LC or SLA ml\$2.40, ph\$3.30 61-13963

Trans. of Byuro Kol'tsevaniya. Trudy (USSR) 1957,
v. 9, p. 215-222.

(Biological Sciences--Zoology, TT, v. 5, no. 3)

61-13963

1. Bird navigation--Analysis
2. Birds--Ecology
3. Title: Starlings
1. Polivanov, V. M.
- II. CSIRO-4977
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Office of Technical Services

A Regulated 80-kv High-Voltage Supply, by V. V.
Polivanov, A. W. Iz'yurov, N. I. Pyatakov, 3 pp.

RUSSIAN, per: Prii i Tekh Eksper, No 5, 1959,
pp 85-88.

Instru Soc of Amer

Sci
Aug 60

122,273

Power Supply for a Microscope With A Resolution of
5 A, by K. V. V. Polivanov, R. V. ~~XXXX~~ Pogudina,
et al, 5 pp.

RUSSIAN, per, Iz Ak ~~XXX~~ Nauk SSSR, Ser Fiz, Vol XXV,
No 6, 1961, pp 772-775.

CTT

Sci
Jul 62

205,374

S-5450

(DC-3081).

Some Design and Construction Problems of Power
Supply Devices for Electron Microscopes, by
V. V. Polivanov, A. V. Iz'yurov, V. V. Il'in,
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 4, 1959, pp 501-505.

JPRS 3231

Sci - Electronics
Jun 60

117,172

S-5450

(DC-3081).

The UMB-100 Electron Microscope Power Supply,
by V. V. Polivanov, V. V. Il'in, A. V. Iz'yurov,
N. I. Pyatakov, R. V. Shumova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXIII, No 4, 1959, pp 450-453.

JPRS 3231

Sci - Electron
Jun 60

117, 201

Magnetic Electron Microscope UEM-100, by
P. A. Stoianov, V. V. Polivanov, G. A.
Mikhailovskiy, 12 pp.

RUSSIAN, per, Priory i Tekh Ekspert, No 4,
1958, pp 51-60.

Instru Soc of Amer

Sci

Apr 60

114,021

Concerning the Functions of the Secondary Dorsal
Organ in the Embryonic Development of
Scutelleridae (Hemiptera, Pentatomidae), by
E. N. Polivanova, pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1961, pp. 229-232.

AIBS

167, 920

Sci 61
Sept 7

The Factors Which Determine the Number of the
Cereal Grain Bugs (Fam. Pentatomidae) in the
Southern Grain Regions of the European Part of the
Union, by E. N. Polivanova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 3, 1957, pp 538-541.

Amer Inst of Biol Sci
Doklady-Biol Sci Sec
Jan/Feb 1957

Sci - Biology
Sep 57

52,007

Experimental Investigation of Movement of Solutions
Differing in Density Through Porous Rocks and Vertical
Hydrochemical Zonation, by M. G. Velyashko,
A. I. Polivanova, 17 pp.

RUSSIAN, per, Geokhim, No 3, 1963.

Scripta Technica

Sol
Jan 64

246,729

A Preamplifier for Semiconductor Radiation
Detectors, by J. Boucek, V. Polivka. 65

CZECH, per, Jaderna Energin, No 1, 1968,
pp 31-33.

AIR/FTD/HT-23-1033-68

V. Polivka

Sci-Elec
Apr 69

379,569

A Method of Preparing Quartz Films for Electron
Microscopy in Studies of the Fine Structure of
Erythrocytes, by A. I. Polivoda, Yu. P. Vinetskiy,
3 pp.

RUSSIAN Per, Biofizika, Vol IV, No 5, 1959, pp 599-601

Pergamon Press

119,619

Sci

Jan 60

Changes in Visco-Elastic Properties of Skin
after Doses of Local X-Irradiation, by V. M.
Masaryukova and A. I. Polivoda, 7 pp.

RUSSIAN, Rev. Biophys, Vol IV, No 1, 1959,
pp 101-107.

Pergamon Press

Sci

Dec 59

101, 963

Electron Microscopic Study of Erythrocytes
On Quartz and Collodion Films, by
A. I. Polivoda, Yu. P. Vinetskiy,

RUSSIAN, per, Biofiz, Vol VI, No 1, 1961.

PP

Sci

Jan 62

182,742

JPRS 10170

Detection of Chemoluminescence in the Liver of
Irradiated Mice, by B. N. Tarasov, A. I. Poliyev,
A. I. Zhuravlev, 5 pp.

RUSSIAN, per, Radiobiologiya, Vol I, No 1, 1961,
pp 150, 151.

JPRS 10170

Sci - Med

173.732

Oct 61

Study of Electrical Constants of Rat Liver Tissue,
by A. I. Polivoda, A. A. Mikhailova, 5 pp.

RUSSIAN, per, Biofiz, Vol V, No 5, 1960, pp 612-616

PP

Sci

Jun 61

156,359

Structural Changes in Tissues of Irradiated
Animals, by A. I. Polivoda, 6 pp.

RUSSIAN, per, Trudy Vses Konfer Med Radiol,
Eksper Med Radiol, Moscow, 1957, pp. 272-277.

AEC Tr 3661

Oct 59

(NY-6720)

THE
THE MECHANISM OF INACTIVATION OF RADICALS AND
PEROXIDES BY NATURAL TISSULAR ANTIOXIDANTS, BY
A. I. ZHURAVLEV, A. I. POLIVODA, B. N. TARUSOV,
11 PP.

RUSSINA, PER, VOL 1, NO 3, 1961, RADIOBIOLOGIYA,
PP 321-324.

SCI

JPRS 12387

183,274

Very Weak Luminescence (450-700 nm) of Living and
Ionized Liver in Normal State and After Exposure
to Ionizing Radiation, by A. I. Polivoda, E. N. Sekomova,
14 pp.

RUSSIAN, per, Radiobiologiya, Vol. II, No 6, pp 801-810,
1962.

AEC-Tr-5433

D
Sci -
Nov 63

241, 856

Study of the Electrical Characteristics of
Rat Liver After Radiation Injury, by
A. I. Polivoda, A. A. Mikhaylova, 17 pp.

RUSSIAN, per, Radiobiologiya, Vol I,
No 2, 1961, pp 176-181.

JPRS 11322

Sci
Jan 62

119, 485

The Electrical Conductivities of Liver and Spleen
Homogenates in Radiation Injury, A. I. Polivoda,
A. A. Zolotova, 4 pp.

by
RUSSIAN, per, Biofiz, Vol III, No 3, 1958,
pp 320-324.

Pergamon Inst

Sci-Med

Mar 59

82,508

Life Support of Spacecraft Crews, by G. I.
Voronin and A. I. Polivoda
RUSSIAN, bk, 215 pp.
NLI REF: 4672.48F

JPRS 46173

A. I. Polivoda

July 69

385,661

(2071-N)

Radioactive Background of Atmospheric Air Caused by
Aerosols, by A. I. Belousov, Yu. V. Novikov,
V. F. Oreshko, B. I. Polivoda, 10 pp.

RUSSIAN, per, Gig 1 San, No 10, 1958, pp 17-22.

JPRS 1237-N

Sci - Med
Mar 59

83,716

(2072-21)

III Procedure for the Determination of the Natural
Radioactive Background of Atmospheric Air Due
to Aerosols, by A. Z. Belousov, Yu. V. Novikov,
V. F. Oreshko, and B. I. Polivoda, 10 pp.

RUSSIAN, per, Gig i San, No 10, 1958, pp 64-69.

JPRS 1237-H

Sci - Med
Mar 59

83,750

A METHOD OF COLLECTION, TRANSMISSION AND
POST-RECEPTION OF INFORMATION ADDED HERE,
BY DR. J. GILSON, L. V. FULMONT, JR. OP.

RECEIVED, PER. TRIST. INSTITUTION, CHICAGO, ILL.,
NOV. 1962, PP. 10-190, ETC.

JUN 10 1963

SCI - SIC & MED
JUN 63

206,510

R-900

(DC-2753).

Raise the Production Potential of Mill Equipment
and Increase New Products, by A. E. Po-li-ya-ko-fu,
9 pp.

CHINESE, per, Tsao-chih Kung-yeh, No 12, 1958,
pp 12-14.

JPRS-899-D

FE - China
Econ - Light Industry - paper
Sep 59

96,308

Application of Walsh Polynomials in Approximate
Calculations, by L. T. Poljak and Ju. A. Greider,
USSR, Rpt. Problems in the Theory of Mathe-
matical Machines. Collection II, Piznatsiz,
1962, pp. 174-190.

Am Math Soc
Vol LXVII, Ser 2

Jan 67

316,786

(UFG-7700)

Experimental Telephonic Operation of
the New Tesla MHO System for International
Connections, by N. Poljak, 6 pp.
OFFICIAL USE ONLY

CZECH, par, T-61- Technicky Magazin,
No 5, 1961, pp 274-277.

JPRS 11236

USUR Czechoslovakia
Econ
Dec 60

176,931

Short Circuits, Asynchronous Operation and
Resynchronization of Turbogenerators, by N. A.
Poljak. URCL

RUSSIAN, par, Elektrichestvo, No 11, 1958,
pp 18-24.

DSIR LHM (loan) W.838

Sci - Electron
Nov 59

100,742